

1. Product and Company Identification

Product Code: 3477A
Product Name: 3477A
Company Name: Appli-Tec, Inc
 7 Industrial Way Unit 1
 Salem, NH 03079
Phone Number: (603)685-0500
Web site address: www.appli-tec.com
Emergency Contact: Contact medical emergency services
Information: Call Chemtrec for Transport Info. (800)424-9300

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1A
Toxic To Reproduction, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H336 - May cause drowsiness or dizziness.
 H360 - May damage fertility or the unborn child .

GHS Precautionary Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P261 - Avoid breathing vapors,mist or spray.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/eye protection/face protection.
 P281 - Use personal protective equipment as required.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: P405 - Store locked up.
 P501 - Dispose of contents/container according to national and local regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Inhalation: Causes respiratory tract irritation.
Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Eye Contact: Causes eye burns.
Ingestion: Causes gastrointestinal tract irritation.

Additional Information

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanediyloxy)]bis[1-propanamine]	30.0 -60.0 %
1332-58-7	Kaolin	30.0 -60.0 %
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	1.0 -10.0 %
108-88-3	Toluene	< 0.5 %
13463-67-7	Titanium dioxide	< 0.5 %

Additional Information Exact percentages have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. Get medical aid if symptoms occur.
In Case of Skin Contact: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.
In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire Fighting Measures

Flash Pt: > 93.00 C Method Used: Pensky-Marten Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use extinguishing media appropriate to surrounding fire conditions.
Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Isolate area and deny entry. Ventilate the area. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Discharge into the environment must be avoided. Remove all sources of ignition.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Do not breathe dust, mist, or vapor.

Precautions To Be Taken in Storing: Keep away from heat and flame. Store away from oxidizers.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine]	No data.	No data.	No data.
1332-58-7	Kaolin	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 2 mg/m3 (E,R)	No data.
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TWA: 10 mg/m3 (Total dust)	No data.

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: Gray. Liquid.
Odor: pungent odor.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 93.00 C Method Used: Pensky-Marten Closed Cup

Evaporation Rate: No data.

Flammability (solid, No data available.

gas):

Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	1.26	
Solubility in Water:	No data.	
Saturated Vapor Concentration:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	No data.	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability:	Unstable [<input type="checkbox"/>]	Stable [<input checked="" type="checkbox"/>]
Conditions To Avoid - Instability:	Incompatible materials.	
Incompatibility - Materials To Avoid:	Strong oxidizing agents.	
Hazardous Decomposition or Byproducts:	No data available.	
Possibility of Hazardous Reactions:	Will occur [<input type="checkbox"/>]	Will not occur [<input checked="" type="checkbox"/>]
Conditions To Avoid - Hazardous Reactions:	No data available.	

11. Toxicological Information

Toxicological Information: No data available.

Chronic Toxicological Effects: Reproductive toxicity.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (Aliphatic Polymer Diamine)

UN Number: UN3082 **Packing Group:** III
Hazard Class: 9 - CLASS 9

IMDG MFAG Number:
Marine Pollutant: Yes

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (Aliphatic Polymer Diamine)

UN Number: UN3082 **Packing Group:** III
Hazard Class: 9 - CLASS 9

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine]	No	No	No
1332-58-7	Kaolin	No	No	No
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	No	No	No
108-88-3	Toluene	No	Yes NA	Yes
13463-67-7	Titanium dioxide	No	No	No

California Proposition 65



WARNING

This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to

www.P65Warnings.ca.gov.

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68911-25-1	Fatty acids, C18-unsatd., dimers, polymers with 3,3'-[oxybis(2,1-ethanedioxy)]bis[1-propanamine]	TSCA: Inventory
1332-58-7	Kaolin	TSCA: Inventory
4246-51-9	3,3'-Oxybis(ethyleneoxy)bis(propylamine)	TSCA: Inventory
108-88-3	Toluene	TSCA: Inventory, 8A CAIR, 8C CA PROP.65: Yes: RDTox(F)
13463-67-7	Titanium dioxide	TSCA: Inventory CA PROP.65: Yes: Canc.

16. Other Information

Revision Date: 07/10/2023

Additional Information About This Product: No data available.

Company Policy or Disclaimer: The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.